## **EAST Search History**

| Ref# | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------|------|--|---|---------------------|---------|---------------------|
| L8   | 94   | (flat or plane or planar<br>or laminated or sheet)<br>near3 heat adj pipe<br>and (screen or mesh)<br>near5 (wick or<br>capillary)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/06/05<br>14:29 |
| L9   | 7    | ("20030136551"  <br>"3834457"  <br>"4461343"  <br>"5560423"  <br>"5642776"  <br>"6148906"  <br>"6446706").PN.  | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2009/06/05<br>14:37 |
| L10  | 53   | ("3256703"   "330130"   "3613776"   "3803688"   "3931532"   "4212347"   "4322737"   "4339929"   "4441407"   "456375"   "4794982"   "4997032"   "4997032"   "5000256"   "5006924"   "5069231"   "5168921"   "5168921"   "5168926"   "5205346"   "5373099").FN. OR ("5560423").JRPN. | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2009/06/05          |
| L11  | 10   | ("4394344").URPN.  | USPAT   | OR                  | ON      | 2009/06/05<br>14:42 |
| L12  | 0    | ito.in. and takuo.in.<br>and heat with pipe  | USPAT   | OR                  | ON      | 2009/06/05<br>14:45 |

| L13        | 3  | ito.in. and takuo.in.<br>and heat with pipe   | US-PCPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/05<br>14:46 |
|------------|----|---|---|----|----|---------------------|
| L14        | 38 | arimoto.in. and<br>kawabata.in.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/05<br>14:47 |
| L15        | 1  | 2001-042830.NRAN.   | DERWENT   | OR | ON | 2009/06/05<br>14:48 |
| L16        | 10 | lee.in. and young.in.<br>and duck.in. and<br>dispersion   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/05<br>16:08 |
| L17        | 2  | arimoto.in. and shiyou.<br>in.  | US-PCPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/05<br>16:35 |
| S1         | 4  | ("20010004934"  <br>"3834457"  <br>"6446706"  <br>"6446709").PN.                                    | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/06/02<br>13:47 |
| S2         | 22 | ("3229759"  <br>"3498369"  <br>"3554183"  <br>"3576210"  <br>"3613778").PN. OR<br>("3834457").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/06/02<br>13:48 |
| <b>S</b> 3 | 3  | 165/104.26.ccls. and course with fine with mesh   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/06/02<br>13:49 |
| S4         | 3  | 165/104.26.ccls. and<br>course with fine with<br>mesh   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/02<br>13:49 |

| S5 | 4  | 165/104.26.cds. and<br>course with mesh and<br>fine with mesh  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2009/06/02<br>13:50 |
|----|----|--|---|------|----|---------------------|
| S6 | 3  | heat near pipe and<br>course near2 mesh<br>and fine near2 mesh   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2009/06/02<br>13:51 |
| S7 | 38 | ("3576210"   "3604503"   "3738702"   "3738702"   "3789920"   "3820596"   "3824556"   "4403387"   "44193929"   "4212347"   "4279294"   "4563315"   "4830097"   "4842045"   "4953632"   "4977032"   "5201196"   "5343940"   "5485671"   "5560423"   "5663776"   NN. OR ("6446706").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR . | ON | 2009/06/02          |
| S8 | 81 | 165/104.26.ccls. and<br>(multilayer or multi adj<br>layer or multiple adj<br>layer)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2009/06/02<br>13:53 |
| S9 | 29 | ("2828733"   "2876097"   "3087233"   "3087233"   "3087233"   "3397666"   "34970902"   "3567437"   "3690606"   "3700419"   "3759708"   "3801446").PN. OR ("3964902").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR   | ON | 2009/06/02<br>13:57 |

| S10 | 15  | ("3229759"  <br>"3503438"  <br>"3554183"  <br>"3964902").PN. OR<br>("4108239").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/02<br>13:59 |
|-----|-----|--|---------------------------|----|----|---------------------|
| S11 | 118 | flat near3 heat near<br>pipe and (mesh or<br>screen or woven) with<br>(wick or capillary)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/02<br>14:01 |
| S12 | 391 | 165/104.26.ccls. and (flat or plate) with pipe and (mesh or wick or capillary)   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/03<br>12:16 |
| S13 | 8   | (US-3834457-\$ or US-6446706-\$ or US-3576210-\$ or US-5560423-\$ or US-6460612-\$ or US-119043-\$ or US-4108239-\$ or US-4394344-\$).did. | USPAT                     | OR | ON | 2009/06/03<br>12:16 |
| S14 | 6   | S13 and (gauge or<br>number or diameter or<br>spacing or pitch)  | USPAT                     | OR | ON | 2009/06/03<br>12:16 |
| S15 | 6   | S13 and (gauge or<br>number or diameter or<br>spacing or pitch)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/03<br>12:17 |
| S16 | 41  | 165/104.26.ccls. and (flat or plate) with pipe and (mesh or wick or capillary) and foil  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/03<br>12:20 |
| S17 | 2   | 165/104.26.ccls. and (flat or plate) with pipe and (mesh or wick or capillary) and foil.ti.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/03<br>12:20 |
| S18 | 9   | ("4212347"  <br>"5560423"  <br>"5642776"  <br>"6392883"  <br>"6446706").PN. OR<br>("6679318").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/03<br>12:20 |
| S19 | 7   | 165/104.26.ccls. and<br>mesh near number   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/03<br>12:37 |
| S20 | 3   | heat adj pipe and wick<br>with mesh near<br>number   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/03<br>12:38 |

| S21         | 4  | heat adj pipe and wick<br>with mesh near<br>number  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/03<br>12:39 |
|-------------|----|---|---|----|-----|---------------------|
| S22         | 8  | heat adj pipe and<br>(screen or wick) same<br>mesh adj number                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/03<br>12:39 |
| S23         | 79 | 165/104.26.ccls. and<br>(screen or mesh) with<br>(porosity or diameter<br>or pitch)                 | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/06/03<br>12:41 |
| S24         | 18 | ("2744723"  <br>"3287906"  <br>"3334685"  <br>"4019571"  <br>"4108239").PN. OR<br>("4207027").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/06/03<br>12:44 |
| <b>S2</b> 5 | 48 | ("3680189").URPN.   | USPAT   | OR | ON  | 2009/06/03<br>12:47 |
| <b>S2</b> 6 | 24 | 165/104.26.ccls. and<br>plate near2 heat near<br>pipe same fin                                      | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/06/03<br>12:50 |
| S27         | 3  | ("20030129863"  <br>"20040080915"  <br>"6097602").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/06/03<br>12:55 |
| S28         | 1  | ("6056044").PN.   | USPAT   | OR | OFF | 2009/06/03<br>12:56 |

## 6/5/09 5:25:50 PM

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